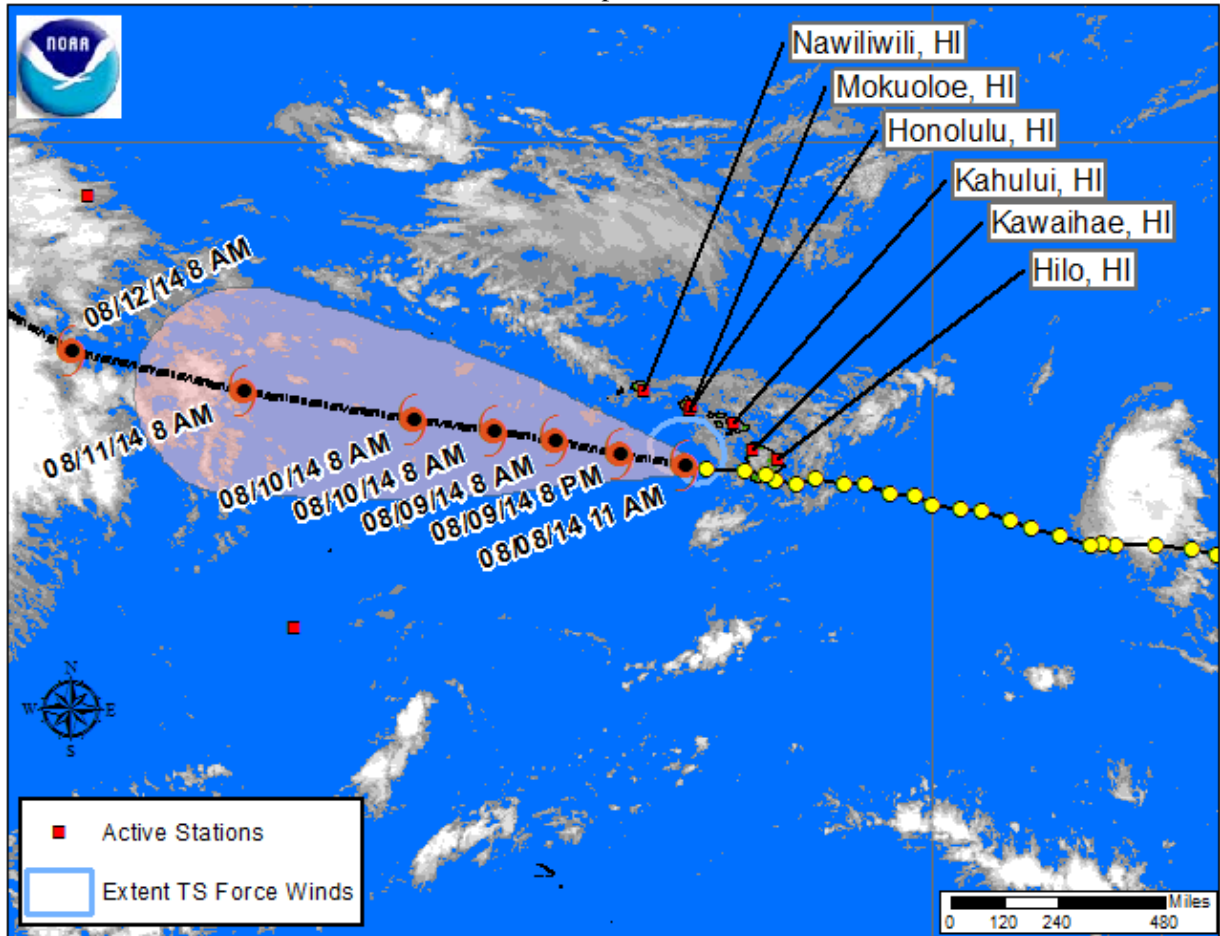




Tropical Storm ISELLE QuickLook  
Posted: 12:00 HST 08/08/2014

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/08/2014 12:00 HST, water levels across the Hawaiian Islands range between 0.15 and 0.5 feet above predicted tide levels, with the highest residuals occurring in Hawaii County. Winds are beginning to level out, with speeds between 5 to 15 knots and gusts between 15 to 20 knots. Mokuoloe speeds had a sharp increase to 15 to 25 knots with gusts 25 to 35 knots. Barometric pressure continues to fall across the islands.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: ADW

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ISELLE ADVISORY NUMBER 35  
1100 AM HST FRI AUG 08 2014

...ISELLE CONTINUING TO BUFFET HAWAII WITH STRONG WINDS AND HEAVY RAINS...

WATCHES AND WARNINGS

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CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* HAWAII COUNTY
- \* MAUI COUNTY...INCLUDING THE ISLANDS OF MAUI...MOLOKAI...LANAI...  
AND KAHOO LAWE.
- \* OAHU
- \* KAUAI COUNTY INCLUDING THE ISLANDS OF KAUAI AND NIIHAU.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS....IN THIS CASE IN THE NEXT 12 TO 24 HOURS.

INTERESTS IN THE NORTHWEST HAWAIIAN ISLANDS SHOULD MONITOR THE PROGRESS OF ISELLE.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE NATIONAL WEATHER SERVICE OFFICE IN HONOLULU HAWAII.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 1100 AM HST THE CENTER OF TROPICAL STORM ISELLE WAS LOCATED BY AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT ABOUT 130 MI W OF KAILUA-KONA HAWAII AND ABOUT 125 MI S OF HONOLULU HAWAII. ISELLE IS MOVING TOWARD THE WEST NEAR 15 MPH AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH EARLY SUNDAY WITH SOME SLOWING IN FORWARD SPEED. ON THE FORECAST TRACK...THE CENTER OF ISELLE WILL BE PASSING ABOUT 100 MILES SOUTH OF OAHU THIS AFTERNOON...AND ABOUT 130 MILES SOUTH OF KAUAI TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. SOME WEAKENING IS FORECAST DURING THE NEXT 48 HOURS...AND ISELLE MAY WEAKEN TO A DEPRESSION BY SUNDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES FROM THE CENTER. A

Tropical Storm ISELLE QuickLook, POSTED 12:00 HST 08/08/2014

WIND GUST TO 68 MPH WAS REPORTED ON KAHOO LAWE EARLIER THIS MORNING.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1009 MB.

#### HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS WILL GRADUALLY DIMINISH ON THE BIG ISLAND AND MAUI TODAY. TROPICAL STORM CONDITIONS ARE LIKELY OVER PORTIONS OF OAHU TODAY...AND KAUAI TONIGHT...ESPECIALLY OVER MOUNTAINS AND WHERE WINDS BLOW DOWNSLOPE FROM HIGHER TERRAIN.

RAINFALL...RAINFALL TOTALS OF 5 TO 8 INCHES...WITH ISOLATED MAXIMUM AMOUNTS TO 12 INCHES...ARE EXPECTED NEAR THE TRACK OF ISELLE. THE HEAVIEST RAINFALL WILL LIKELY OCCUR OVER MOUNTAINOUS TERRAIN. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS AS WELL AS ROCK AND MUD SLIDES.

SURF...SWELLS GENERATED BY ISELLE ARE PRODUCING VERY LARGE AND DAMAGING SURF...MAINLY ALONG EAST AND SOUTH FACING SHORES OF THE BIG ISLAND. THIS DAMAGING SURF WILL DIMINISH LATER TODAY.

#### NEXT ADVISORY

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NEXT INTERMEDIATE ADVISORY...200 PM HST.  
NEXT COMPLETE ADVISORY...500 PM HST.

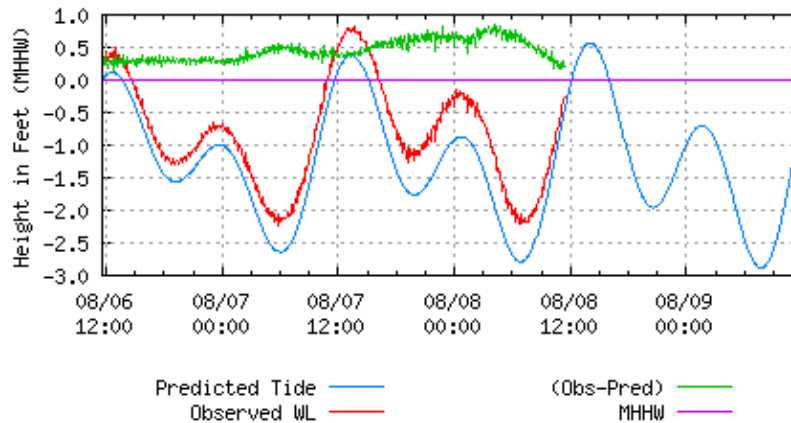
FORECASTER R BALLARD

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Nawiliwili - Water Level](#)

Tropical Storm ISELLE QuickLook, POSTED 12:00 HST 08/08/2014

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



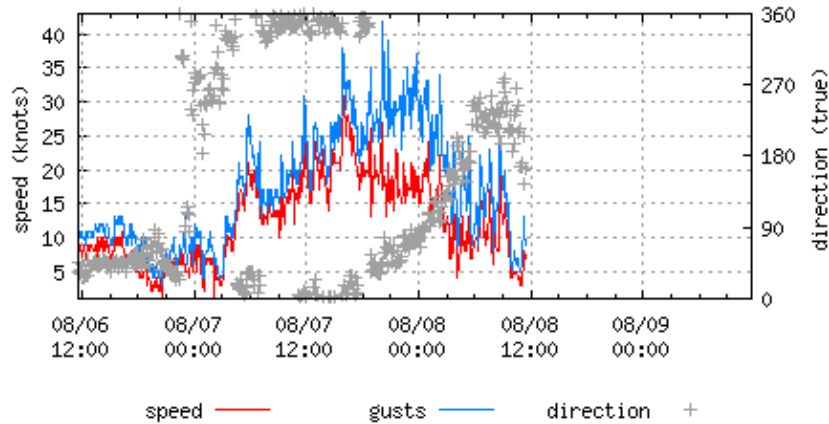
Last Observed Sample: 08/08/2014 11:24 (HST). Data relative to MHHW

Observed: -0.26 ft. Predicted: -0.47 ft. Residual: 0.21 ft.

Historical Maximum Water Level: Jan 20 1981, 1.37 ft.

Next High Tide: 08/08/2014 14:03 (HST), 0.57 ft.

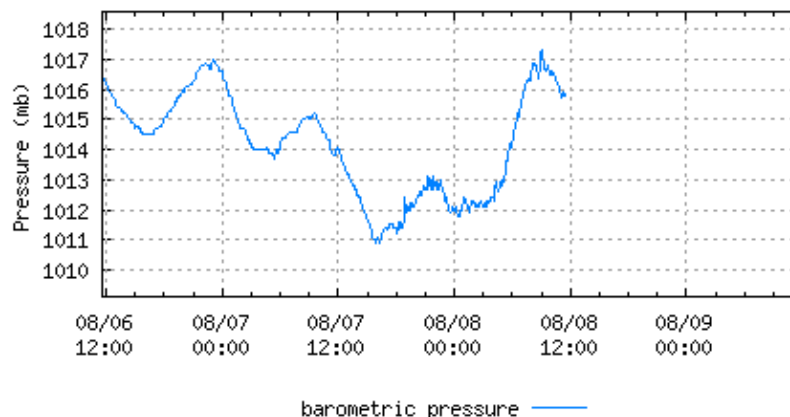
NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI  
Wind Speed / Gusts / Direction



Last Observed Sample: 08/08/2014 11:24 (HST)

Wind Speed: 7 knots Gusts: 9 knots Direction: 165° T

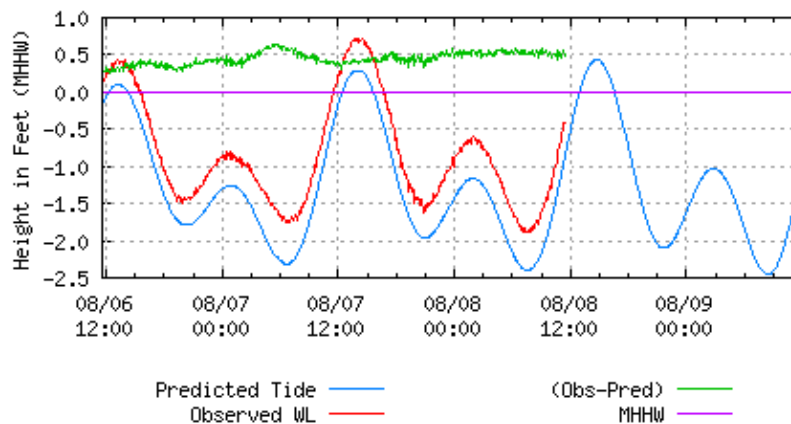
NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI  
Barometric Pressure



Last Observed Sample: 08/08/2014 11:24 (HST)

Barometric Pressure: 1015.8 mb

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/08/2014 11:24 (HST). Data relative to MHHW

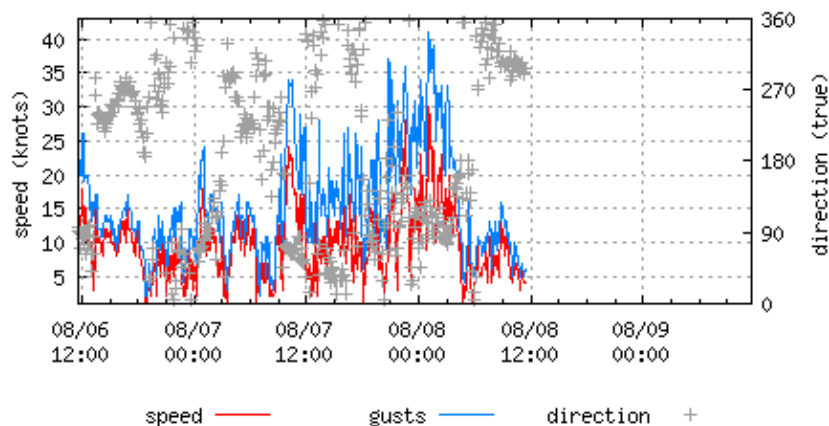
Observed: -0.41 ft. Predicted: -0.90 ft. Residual: 0.49 ft.

Historical Maximum Water Level: Dec 13 2008, 1.22 ft.

Next High Tide: 08/08/2014 14:46 (HST), 0.43 ft.

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI

Wind Speed / Gusts / Direction

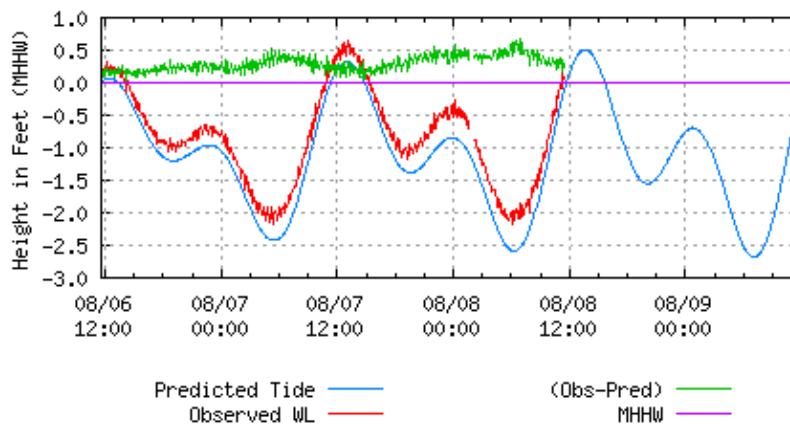


Last Observed Sample: 08/08/2014 11:24 (HST)

Wind Speed: 4 knots Gusts: 6 knots Direction: 298° T

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/08/2014 11:24 (HST). Data relative to MHHW

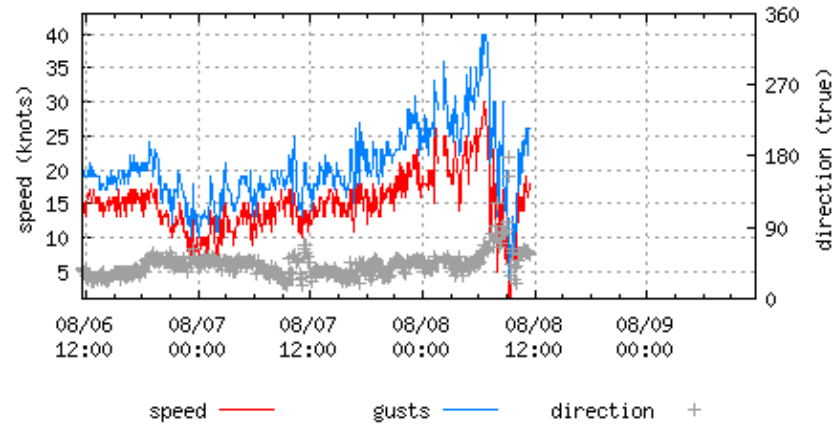
Observed: 0.07 ft. Predicted: -0.16 ft. Residual: 0.23 ft.

Historical Maximum Water Level: Dec 20 1968, 1.23 ft.

Next High Tide: 08/08/2014 13:38 (HST), 0.51 ft.

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Wind Speed / Gusts / Direction

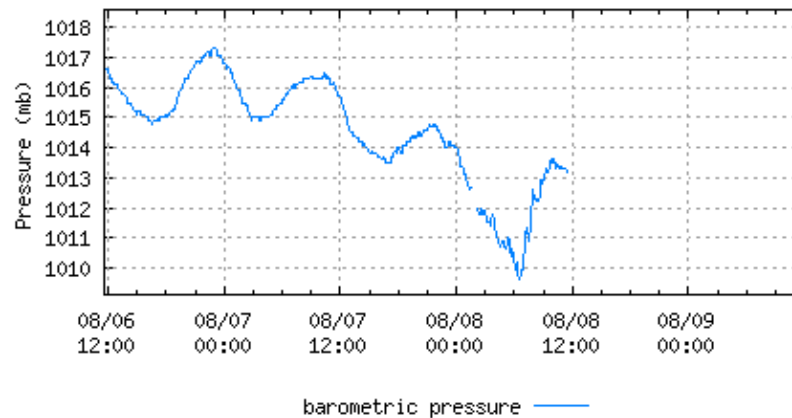


Last Observed Sample: 08/08/2014 11:24 (HST)

Wind Speed: 18 knots Gusts: 26 knots Direction: 55° T

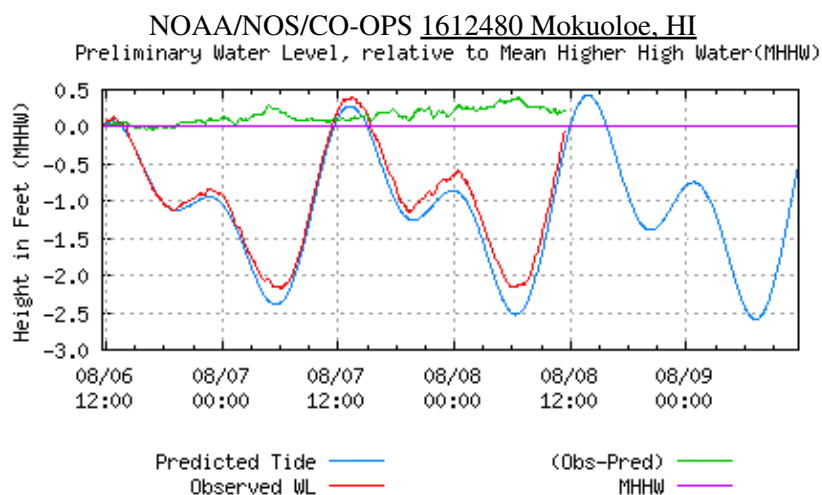
NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Barometric Pressure



Last Observed Sample: 08/08/2014 11:24 (HST)

Barometric Pressure: 1013.2 mb

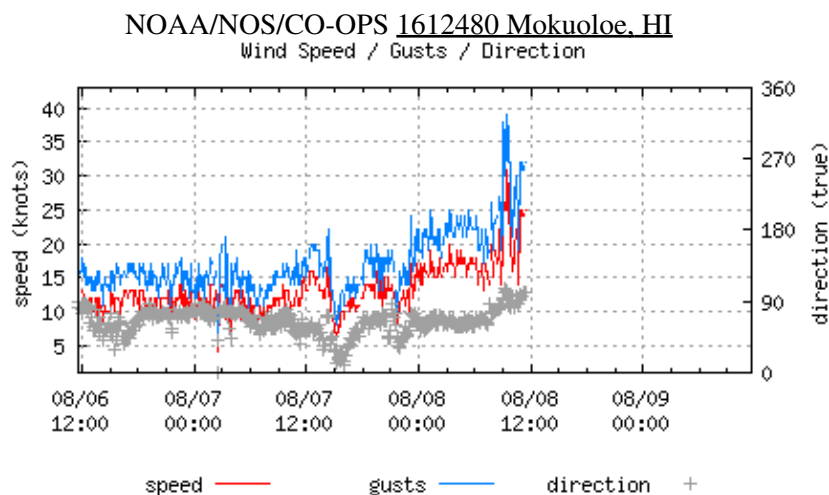


Last Observed Sample: 08/08/2014 11:24 (HST). Data relative to MHHW

Observed: -0.07 ft. Predicted: -0.29 ft. Residual: 0.22 ft.

Historical Maximum Water Level: Jan 8 1974, 1.46 ft.

Next High Tide: 08/08/2014 13:50 (HST), 0.42 ft.

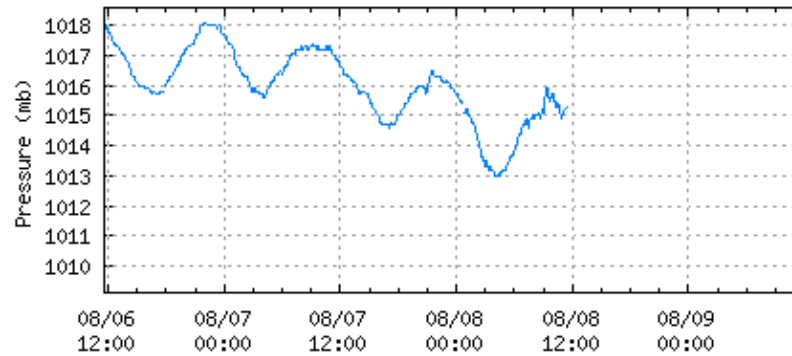


Last Observed Sample: 08/08/2014 11:24 (HST)

Wind Speed: 25 knots Gusts: 32 knots Direction: 101° T



NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI  
Barometric Pressure

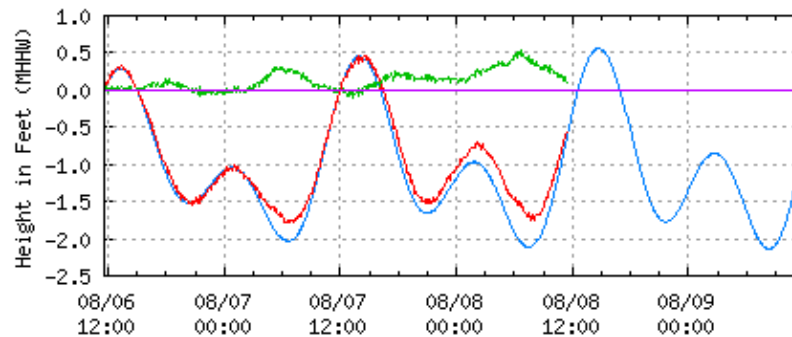


barometric pressure —

Last Observed Sample: 08/08/2014 11:24 (HST)

Barometric Pressure: 1015.3 mb

NOAA/NOS/CO-OPS 1612340 Honolulu, HI  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —  
Observed WL —

(Obs-Pred) —  
MHHW —

Last Observed Sample: 08/08/2014 11:24 (HST). Data relative to MHHW

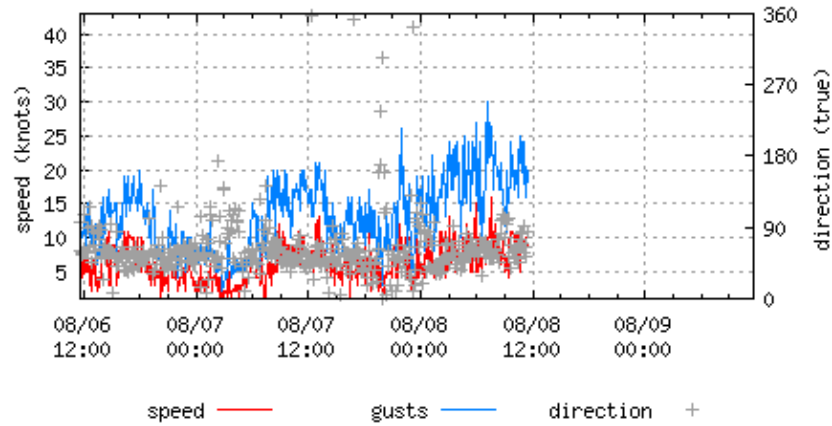
Observed: -0.57 ft. Predicted: -0.66 ft. Residual: 0.09 ft.

Historical Maximum Water Level: Feb 14 1967, 1.49 ft.

Next High Tide: 08/08/2014 14:45 (HST), 0.56 ft.

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Wind Speed / Gusts / Direction

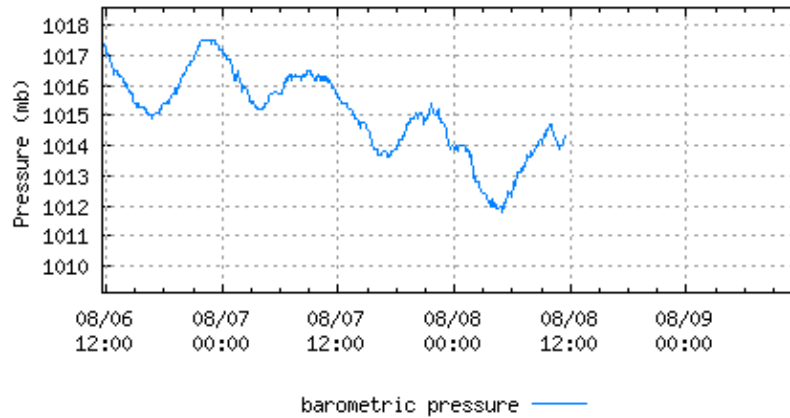


Last Observed Sample: 08/08/2014 11:24 (HST)

Wind Speed: 9 knots Gusts: 20 knots Direction: 84° T

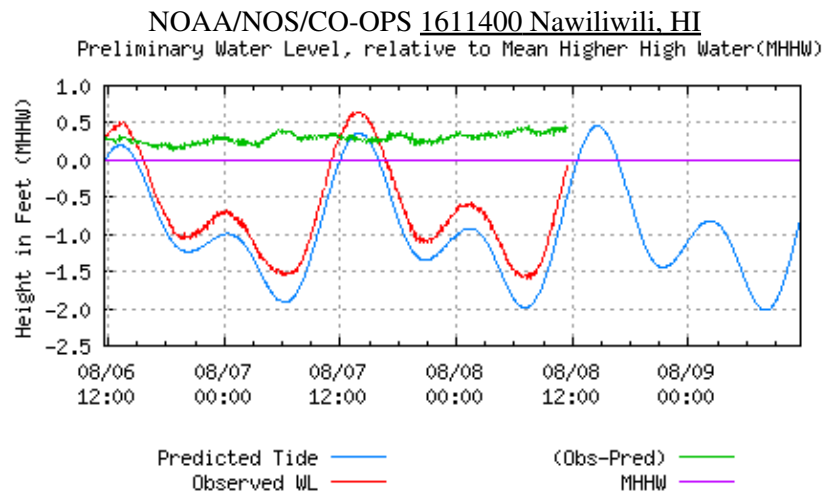
NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Barometric Pressure



Last Observed Sample: 08/08/2014 11:24 (HST)

Barometric Pressure: 1014.3 mb



Last Observed Sample: 08/08/2014 11:24 (HST). Data relative to MHHW

Observed: -0.09 ft. Predicted: -0.53 ft. Residual: 0.44 ft.

Historical Maximum Water Level: Sep 11 1992, 3.15 ft.

Next High Tide: 08/08/2014 14:38 (HST), 0.46 ft.

Tropical Storm ISELLE QuickLook, POSTED 12:00 HST 08/08/2014

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1617760	Hilo, Hilo Bay, Kuhio Bay, HI	08/08/2014 11:24 (HST)	-0.26 ft	-0.47 ft	0.21 ft	0.81 ft
1617433	Kawaihae, HI	08/08/2014 11:24 (HST)	-0.41 ft	-0.90 ft	0.49 ft	0.72 ft
1615680	Kahului, Kahului Harbor, HI	08/08/2014 11:24 (HST)	0.07 ft	-0.16 ft	0.23 ft	0.64 ft
1612480	Mokuoloe, HI	08/08/2014 11:24 (HST)	-0.07 ft	-0.29 ft	0.22 ft	0.39 ft
1612340	Honolulu, HI	08/08/2014 11:24 (HST)	-0.57 ft	-0.66 ft	0.09 ft	0.46 ft
1611400	Nawiliwili, HI	08/08/2014 11:24 (HST)	-0.09 ft	-0.53 ft	0.44 ft	0.65 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce